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JC10 Rec'd PCT/PTO 07 JUL 2005

POT\$

PTO-1390 (Rev. 12-2004)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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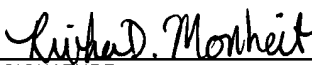
070605

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER AI 9248US
INTERNATIONAL APPLICATION NO. PCT/GB03/00062		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/501,411
INTERNATIONAL FILING DATE January 10, 2003		PRIORITY DATE CLAIMED June 28, 2002
TITLE OF INVENTION MODIFICATION OF FEEDING BEHAVIOR USING PYY AND GLP-1		
APPLICANT(S) FOR DO/EO/US Michael Cowley, Roger Cone, Malcolm James Duncan Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham and Mohammad Ali Ghatel		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p>		

Best Available Copy

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/501,411		INTERNATIONAL APPLICATION NO. PCT/GB03/00062		ATTORNEY'S DOCKET NUMBER AI 9248US	
21. The following fees are submitted:				Applicant use	Office use only
<input type="checkbox"/> a) Basic national fee..... \$300.00				\$	
<input type="checkbox"/> b) Examination fee..... \$200.00				\$	
<input type="checkbox"/> c) Search fee..... \$500.00				\$	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	- 20 =		x \$50.00	\$	
Independent claims	- 3 =		x \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$	0.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$	0.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$	0.00
Amount to be refunded:					\$
Amount to be charged					\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-3129</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Patrea L. Pabst Pabst Patent Group LLP 1201 Peachtree Street, Suite 1200 Atlanta, Georgia 30361 United States of America</p>					
				<p> SIGNATURE Rivka D. Monheit</p> <p>NAME 48,731</p> <p>REGISTRATION NUMBER</p>	

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**\$570.00**

Complete if Known

Application Number	10/501,411
Filing Date	July 12, 2004 / International Filing Date: January 10, 2003
First Named Inventor	Michael Cowley
Examiner Name	
Art Unit	
Attorney Docket No.	AI 91248US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: **50-3129** Deposit Account Name: **Pabst Patent Group LLP**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims - 20 or HP = 0 x = **Fee (\$)** **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20

Indep. Claims - 3 or HP = 0 x = **Fee (\$)** **Fee Paid (\$)**

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = / 50 = (round up to a whole number) x = **Fee (\$)** **Fee Paid (\$)**

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Petition for Extension of Time Fee (Difference between the fee for a Three Month and Four Month Extension)

Fees Paid (\$)

\$570.00

SUBMITTED BY

Signature	<i>Rivka D. Monheit</i>	Registration No. (Attorney/Agent)	48,731	Telephone	(404) 879-2152
Name (Print/Type)	Rivka D. Monheit	Date	July 6, 2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**IN THE UNITED STATES RECEIVING OFFICE
FOR THE PATENT COOPERATION TREATY**

Applicants: Michael Cowley, Roger Cone, Malcolm James Duncan Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham and Mohammad Ali Ghatei

U.S. Serial No.: 10/501,411 Filed: July 12, 2004

International
Application No: PCT/GB03/00062 I.A. Filing Date: January 10, 2003

For: *MODIFICATION OF FEEDING BEHAVIOR USING PYY AND GLP-1*

Mail Stop PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE
(DO/EO/US)**

Sir:

Responsive to the Notification of Missing Requirements Under 35 U.S.C. 371, mailed January 10, 2005, Applicants enclose the following for filing in the above-identified application:

1. Transmittal Form (Form PTO/SB/21);
2. Transmittal Letter to the United States Designated/Elected Office concerning a filing under 35 U.S.C. 371 (Form PTO-1390);
3. Fee Transmittal (PTO/SB/17);
4. Petition for Extension of Time Under 37 CFR 1.136(a);
5. Declaration for Patent Application executed by Michael Cowley, Roger Cone, Malcolm James Duncan Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham and Mohammad Ali Ghatei;

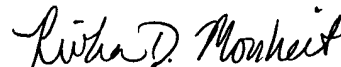
6. Power of Attorney and Correspondence Address Indication Form executed by Imperial College Innovations Ltd. and Oregon Health and Science University;
7. Statement Under 37 CFR 3.73(b) executed by Imperial College Innovations Ltd. and Oregon Health and Science University with copy of executed Assignment from Inventors to Imperial College Innovations Ltd. and Oregon Health and Science University; and
8. Application Data Sheet correctly reflecting the name of inventor "Malcolm James Duncan Low" which was listed as "Malcolm Low" on the following documents filed July 12, 2004: (1) Transmittal Letter to the United States Designated/Elected Office concerning a filing under 35 U.S.C. 371 (Form PTO-1390); (2) Statement As Required Under 37 CFR 1.821(f); (3) Submission of Formal Drawings; and (4) PCT Request.

This application is not entitled to claim small entity status pursuant to 37 C.F.R. § 1.27.

Applicants also enclose a copy of the Notification of Missing Requirements Under 35 U.S.C. 371, mailed January 10, 2005.

On June 10, 2005, Applicants filed a Substitute Sequence Listing in computer-readable form, a paper copy of the Substitute Sequence Listing, and a Petition for a Three Month Extension of Time along with the required fee of \$1,020. The Commissioner is hereby authorized to charge \$570.00, the difference between the fee for a four month extension of time and a three month extension of time, to Deposit Account No. 50-3129. On July 12, 2004, Applicants paid the \$130.00 late oath or declaration surcharge fee. It is believed that no additional fee is required with this submission. However, should an additional fee be required, the Commissioner is hereby authorized to charge the fee to Deposit Account No. 50-3129.

Respectfully submitted,



Rivka D. Monheit
Reg. No. 48,731

Date: July 6, 2005

PABST PATENT GROUP LLP
400 Colony Square, Suite 1200
1201 Peachtree Street
Atlanta, Georgia 30361
(404) 879-2152
(404) 879-2160 Telefax

U.S.S.N. 10/501,411
International Application No. PCT/GB03/00062
International Filing Date: January 10, 2003

CERTIFICATE OF MAILING UNDER 37 CFR §1.10

I hereby certify that this **RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**, and any documents referred to as attached therein, are being deposited with the United States Postal Service on this date, July 6, 2005, in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR 1.10, Mailing Label Number EV 487329527 US, addressed to **Mail Stop PCT**, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.



Carla Stone

Date: July 6, 2005



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/501,411	Michael Cowley	4040.001000

INTERNATIONAL APPLICATION NO.

PCT/GB03/00062

IA. FILING DATE

PRIORITY DATE

01/10/2003

06/28/2002

23720

WILLIAMS, MORGAN & AMERSON, P.C.
10333 RICHMOND, SUITE 1100
HOUSTON, TX 77042

Not Required ☐
Appl. Info _____
Reg/Grant Info _____
Action Required: Missing
Requirements
3-10-05
pk

CONFIRMATION NO. 6101

371 FORMALITIES LETTER



0000000014911137

Date Mailed: 01/10/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/12/2004
- Copy of the International Search Report filed on 07/12/2004
- Preliminary Amendments filed on 07/12/2004
- Biochemical Sequence Diskette filed on 07/12/2004
- Biochemical Sequence Listing filed on 07/12/2004
- Request for Immediate Examination filed on 07/12/2004
- Copy of references cited in ISR filed on 07/12/2004
- U.S. Basic National Fees filed on 07/12/2004
- Priority Documents filed on 07/12/2004

DOCKETING DEPT.

JAN 17 2005

WILLIAMS, MORGAN & AMERSON

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - See Attachment (Raw Error Report) If not attached please contact Pat Booker at (703)305-3738.....
 - APPLICANT MUST PROVIDE:
 - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
 - For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 305-3738

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/501,411	PCT/GB03/00062	4040.001000



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

43

Application Number

10/501,411

Filing Date

July 12, 2004 / International Filing Date: January 10, 2003

First Named Inventor

Michael Cowley

Art Unit

Examiner Name

Attorney Docket Number

AI 9248US

ENCLOSURES (Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)



Reply to Missing Parts/
Incomplete Application



Reply to Missing Parts
under 37 CFR 1.52 or 1.53



Drawing(s)



Licensing-related Papers



Petition



Petition to Convert to a
Provisional Application



Power of Attorney, Revocation
Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

Landscape Table on CD



After Allowance Communication to TC



Appeal Communication to Board
of Appeals and Interferences



Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)



Proprietary Information



Status Letter



Other Enclosure(s) (please identify
below):

Transmittal Letter to the U.S. Designated/Elected Office
concerning a filing under 35 U.S.C. 37; Response to Notification of
Missing Requirements Under 35 U.S.C. 371; Certificate of Mailing
Under 37 CFR 1.10; Executed Declaration for Patent Application;
Application Data Sheet; 2 Executed Statements Under 37 CFR
3.73(b) with copy of Assignment from Inventor to Imperial College
Innovations Ltd. and Oregon Health and Science University; copy
of Notice of Missing Requirements Under 35 U.S.C. 371.

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Pabst Patent Group LLP

Signature

Rivka D. Monheit

Printed name

Rivka D. Monheit

Date

July 6, 2005

Reg. No.

48,731

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

See Certificate of Mailing Under 37 CFR 1.10

Typed or printed name

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AI 9248US / 95172/00003